

Exhibit A

Specification Sheet



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Product Name or No.



SIGMA-ALDRICH

Specification Sheet

Product Name

Creatinine Deiminase microbial,
lyophilized powder, 25-50 units/mg protein

Product Number

C9409

Product Brand

Sigma

CAS Number

37289-15-9

Storage Temp

-20°C

TEST

SPECIFICATION

APPEARANCE

REPORT RESULT

PROTEIN BY BIURET

APPROX 45%

ENZYMATIC ACTIVITY

25 - 50 UNITS/MG PROTEIN

UNIT DEFINITION

ONE UNIT WILL HYDROLYZE 1 MICROMOLE OF CREATININE TO N-
METHYLHYDANTOIN AND NH₃ PER MINUTE AT PH7.5 AT 37DEGC IN
A COUPLED SYSTEM WITH L-GLUTAMIC DEHYDROGENASE.

SHELF LIFE

7 YEARS

Related Information

MSDS

Specification Sheet

Certificate of Analysis

Enter Lot No.

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C9409 (Sigma)

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